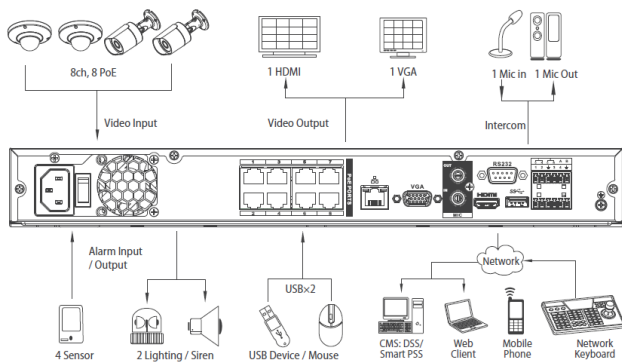




FEATURES

- Up to 16 channel IPC input
- H.265/H.264/MJPEG/MPEG4 codec decoding
- Max 320Mbps incoming bandwidth
- Up to 12Mp resolution preview&playback
- Max 16ch@1080P H.265/H.264 decoding
- 2HDMI/VGA simultaneous video output
- 16 channel synchronous realtime playback, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- ONVIF Version 2.4 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 2 SATA HDDs up to 12TB, 2 USB(1 USB3.0, 1USB2.0)
- Support IPC UPnP, 8PoE ports for PoE model
- Multiple network monitoring: Web, CMS(DSS/Smart PSS) & Mobile phone (DMSS)

DIMENTION



SPECIFICATION

System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video & Audio	
IP Camera Input	16 channel
Two-way Talk	1channel Input, 1channel Output, RCA
Display	
Interface	1 HDMI (1 HDMI up to 3840x2160), 1 VGA
Resolution	3840× 2160, 1920× 1080, 1280× 1024, 1280× 720, 1024× 768
Display Split	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	H.265/H.264/MJPEG/MPEG4
Resolution	12Mp, 8Mp, 6Mp, 5Mp, 3Mp, 1080P, 1.3Mp, 720P & etc.
Record Rate	320Mbps
Bit Rate	16kbps~ 20Mbps per channel
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, VideoPush, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones:396(22×18), Video Loss & Camera Blank
Alarm Input	4 channel
Relay Output	2 channel
Playback & Backup	
Sync Playback	1/4/8/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/Network/Internal SATA burner
Network	
Ethernet	1 RJ-45 port (10/100/1000Mbps)
PoE	8 ports (IEEE802.3af/at) (for -16P model)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	2 SATA port, up to 12TB
Auxiliary Interface	
USB	2 ports (1 Rear USB3.0, 1Front USB2.0)
RS232	1 port, For PC communication & Keyboard
General	
Power Supply	Single, AC 100~240V, 50/60Hz
Power Consumption	NVR : 15.2W for PoE model(without HDD) PoE: Max 25.5W for single port, 130W in total
Working Environment	-10°C~+55°C / 10%~90%RH / 86~106kpa
Dimension (W×D×H)	1U 375mm× 327mm× 53mm(PoE model)
Weight	2.6KG for PoE model(without HDD)

